



INPUT SET: S23537.raw

47 (B) TYPE: nucleic acid  
48 (C) STRANDEDNESS: single  
49 (D) TOPOLOGY: linear  
50  
51 (ii) MOLECULE TYPE: DNA (genomic)  
52  
53  
54 (viii) POSITION IN GENOME:  
55 (C) UNITS: bp  
56  
57  
58 (x) PUBLICATION INFORMATION:  
59 (A) AUTHORS: Drayna, Dennis  
60 Jarnagin, Alisha Stephens  
61 McLean, John  
62 Henzel, William  
63 Kohr, William  
64 Fielding, Christopher  
65 Lawn, Richard  
66 (B) TITLE: Cloning and sequencing of human cholestryol  
67 ester transfer protein cDNA  
68 (C) JOURNAL: Nature  
69 (D) VOLUME: 327  
70 (F) PAGES: 632-634  
71 (G) DATE: June 18-1987  
72  
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
74  
75 TGCTCCAAAG GCACCTCGCA CGAGGCAGGC ATCGTGTGCC GCATCACCAA GCCTGCCCTC 60  
76  
77 CTGGTGTGTA ACCACGAGAC TGCCAAGGTC ATCCAGACCG CCTTCCAGCG AGCCAGCTAC 120  
78  
79 CCAGATATCA CGGGCGAGAA GGCCATGATG CTCCTTGCC AAGTCAAGTA TGGGTTGCAC 180  
80  
81 AACATCCAGA TCAGGCCACTT GTCCATCGCC AGCAGCCAGG TGGAGCTGGT GGAAGCCAAG 240  
82  
83 TCCATTGATG TCTCCATTCA GAACGTGTCT GTGGTCTTCA AGGGGACCCCT GAAGTATGGC 300  
84  
85 TACACCACTG CCTGGTGGCT GGGTATTGAT CAGTCCATTG ACTTCGAGAT CGACTCTGCC 360  
86  
87 ATTGACCTCC AGATCAACAC ACAGCTGACC TGTGACTCTG GTAGAGTGCG GACCGATGCC 420  
88  
89 CCTGACTGCT ACCTGTCTT CCATAAGCTG CTCCTGCATC TCCAAGGGGA GCGAGAGCCT 480  
90  
91 GGGTGGATCA AGCAGCTGTT CACAAATTTC ATCTCCTTCA CCCTGAAGCT GGTCTGAAG 540  
92  
93 GGACAGATCT GCAAAGAGAT CAACGTCACTC TCTAACATCA TGGCCGATTT TGTCCAGACA 600  
94  
95 AGGGCTGCCA GCATCCTTTC AGATGGAGAC ATTGGGGTGG ACATTTCCCT GACAGGTGAT 660  
96  
97 CCCGTCATCA CAGCCTCCTA CCTGGAGTCC CATCACAAAGG GTCATTCAT CTACAAGAAT 720  
98  
99 GTCTCAGAGG ACCTCCCCCT CCCCCACCTTC TCGCCCCACAC TGCTGGGGGA CTCCCGCATG 780

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/934,367DATE: 02/19/98  
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100 CTGTACTTCT GGTTCTCTGA GCGAGTCTTC CACTCGCTGG CCAAGGTAGC TTTCCAGGAT 840  
101  
102  
103 GGCCGCCTCA TGCTCAGCCT GATGGGAGAC GAGTTCAAGG CAGTGCTGGA GACCTGGGC 900  
104  
105 TTCAACACCA ACCAGGAAAT CTTCCAAGAG GTTGTGGCG GCTTCCCCAG CCAGGCCAA 960  
106  
107 GTCACCGTCC ACTGCCTCAA GATGCCAAG ATCTCCTGCC AAAACAAGGG AGTCGTGGTC 1020  
108  
109 AATTCTTCAG TGATGGTGAA ATT CCTCTTT CCACGCCAG ACCAGCAACA TTCTGTAGCT 1080  
110  
111 TACACATTG AAGAGGATAT CGTGA C TACC GTCCAGGCCT CCTATTCTAA GAAAAAGCTC 1140  
112  
113 TTCTTAAGCC TCTTGGATTT CCAGATTACA CCAAAGACTG TTTCCAAC TT GACTGAGAGC 1200  
114  
115 AGCTCCGAGT CCATCCAGAG CTTCCCTGCAC TCAATGATCA CCGCTGTGGG CATCCCTGAG 1260  
116  
117 GTCATGTCTC GGCTCGAGGT AGTGT TACA GCCCTCATGA ACAGCAAAGG CGTGAGCCTC 1320  
118  
119 TTCGACATCA TCAACCCCTGA GATTATCACT CGAGATGGCT TCCTGCTGCT GCAGATGGAC 1380  
120  
121 TTTGGCTTCC CTGAGCACCT GCTGGTGGAT TTCCTCCAGA GCTTGAGCTA G 1431  
122  
123 (2) INFORMATION FOR SEQ ID NO:2:  
124  
125 (i) SEQUENCE CHARACTERISTICS:  
126 (A) LENGTH: 20 amino acids  
127 (B) TYPE: amino acid  
128 (C) STRANDEDNESS: single  
129 (D) TOPOLOGY: linear  
130  
131 (ii) MOLECULE TYPE: peptide  
132  
133  
134  
135  
136 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
137  
138 Glu Ile Phe Gln Glu Leu Ser Arg Gly Leu Pro Thr Gly Gln Ala Gln  
139 1 5 10 15  
140  
141 Val Ala Val His  
142 20  
143  
144 (2) INFORMATION FOR SEQ ID NO:3:  
145  
146 (i) SEQUENCE CHARACTERISTICS:  
147 (A) LENGTH: 20 amino acids  
148 (B) TYPE: amino acid  
149 (C) STRANDEDNESS: single  
150 (D) TOPOLOGY: linear  
151  
152 (ii) MOLECULE TYPE: peptide

RAW SEQUENCE LISTING  
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153  
154  
155  
156  
157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
158  
159 Val Ala Val Thr Phe Arg Phe Pro Arg Pro Asp Gly Arg Glu Ala Val  
160 1 5 10 15  
161  
162 Ala Tyr Arg Phe  
163 20  
164  
165 (2) INFORMATION FOR SEQ ID NO:4:  
166  
167 (i) SEQUENCE CHARACTERISTICS:  
168 (A) LENGTH: 22 amino acids  
169 (B) TYPE: amino acid  
170 (C) STRANDEDNESS: single  
171 (D) TOPOLOGY: linear  
172  
173 (ii) MOLECULE TYPE: peptide  
174  
175  
176  
177  
178 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
179  
180 Leu Leu Leu Gln Met Asp Phe Gly Phe Pro Lys His Leu Leu Val Asp  
181 1 5 10 15  
182  
183 Phe Leu Gln Ser Leu Ser  
184 20  
185  
186 (2) INFORMATION FOR SEQ ID NO:5:  
187  
188 (i) SEQUENCE CHARACTERISTICS:  
189 (A) LENGTH: 20 amino acids  
190 (B) TYPE: amino acid  
191 (C) STRANDEDNESS: single  
192 (D) TOPOLOGY: linear  
193  
194 (ii) MOLECULE TYPE: peptide  
195  
196  
197  
198  
199 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
200  
201 Thr Thr Val Gln Ala Ser Tyr Ser Gln Lys Lys Leu Phe Leu His Leu  
202 1 5 10 15  
203  
204 Leu Asp Phe Gln  
205 20

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206  
207 (2) INFORMATION FOR SEQ ID NO:6:  
208  
209 (i) SEQUENCE CHARACTERISTICS:  
210 (A) LENGTH: 20 amino acids  
211 (B) TYPE: amino acid  
212 (C) STRANDEDNESS: single  
213 (D) TOPOLOGY: linear  
214  
215 (ii) MOLECULE TYPE: peptide  
216  
217  
218  
219  
220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
221  
222 Leu Leu Leu His Leu Gln Gly Glu Arg Glu Pro Gly Trp Leu Lys Gln  
223 1 5 10 15  
224  
225 Leu Phe Thr Asn  
226 20  
227  
228 (2) INFORMATION FOR SEQ ID NO:7:  
229  
230 (i) SEQUENCE CHARACTERISTICS:  
231 (A) LENGTH: 20 amino acids  
232 (B) TYPE: amino acid  
233 (C) STRANDEDNESS: single  
234 (D) TOPOLOGY: linear  
235  
236 (ii) MOLECULE TYPE: peptide  
237  
238  
239  
240  
241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
242  
243 Asp Val Ser Gly Glu Arg Ala Val Met Leu Leu Gly Arg Val Lys Tyr  
244 1 5 10 15  
245  
246 Gly Leu His Asn  
247 20  
248  
249 (2) INFORMATION FOR SEQ ID NO:8:  
250  
251 (i) SEQUENCE CHARACTERISTICS:  
252 (A) LENGTH: 20 amino acids  
253 (B) TYPE: amino acid  
254 (C) STRANDEDNESS: single  
255 (D) TOPOLOGY: linear  
256  
257 (ii) MOLECULE TYPE: peptide  
258

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/934,367**

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Original Text